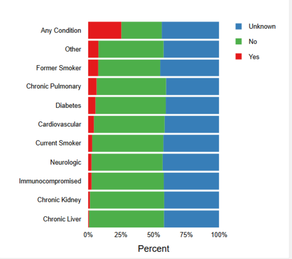
Cases are interviewed by public health to determine what potential medical risk factors they may have had prior to getting COVID-19. This is not a complete list of conditions and rates may change as public health collects more data and performs additional analysis. Examples of persons with compromised immune systems include those with cancer and transplant patients who are taking certain immunosuppressive drugs, persons with HIV/AIDS, and those with inherited diseases that affect the immune system. Examples of persons with chronic pulmonary conditions include those with uncontrolled asthma or COPD.

Pre-Existing Conditions of All Cases

Pre-Existing Condition	Yes	No	Unknown	Percent with Condition, Excluding Unknowns
Any Condition	1750	2138	3025	45%
Other	543	3439	2931	13.6%
Former Smoker	532	3274	3107	14%
Chronic Pulmonary	445	3669	2799	10.8%
Diabetes	387	3713	2813	9.4%
Cardiovascular	303	3734	2876	7.5%
Current Smoker	212	3757	2944	5.3%
Immunocompromised	181	3813	2919	4.5%
Neurologic	179	3754	2980	4.6%
Chronic Kidney	93	3922	2898	2.3%
Chronic Liver	45	3956	2912	1.1%

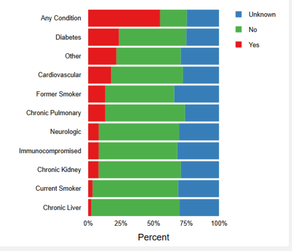
Pre-Existing Conditions of All Cases (tooltip shows the percent among all cases, including unknowns)



Pre-Existing Conditions of Hospitalized Cases

Pre-Existing Condition	Yes	No	Unknown	Percent with Condition, Excluding Unknowns
Any Condition	311	115	140	73%
Diabetes	133	291	142	31.4%
Other	122	278	166	30.5%
Cardiovascular	99	311	156	24.1%
Chronic Pulmonary	74	344	148	17.7%
Former Smoker	74	298	194	19.9%
Immunocompromised	46	339	181	11.9%
Neurologic	46	347	173	11.7%
Chronic Kidney	45	356	165	11.2%
Current Smoker	19	370	177	4.9%
Chronic Liver	14	381	171	3.5%

Pre-Existing Conditions of Hospitalized Cases (tooltip shows the percent among all cases, including unknowns)

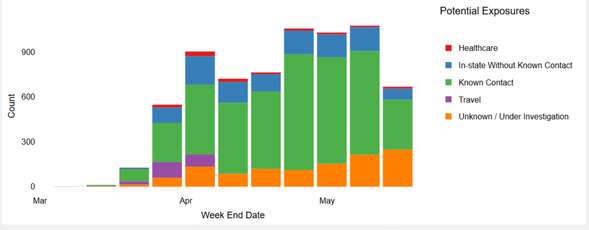


Potential Exposures

Exposures are determined through LHD and UDOH case investigations. Each case is mapped to a single "primary exposure". Please note that some cases have multiple potential exposures, so cases are mapped to exposures in the following order: 1) Known close contact to a confirmed case, 2) Travel in the past 14 days, 3) Healthcare (either through being a healthcare worker, patient, or visitor in a healthcare setting), 4) In-state transmission with no known contacts, 5) Under investigation. In-state transmission with no known contacts is defined as a patient with no known out of state travel, close contacts, or healthcare exposures. These exposures are commonly referred to as community spread or community transmission.

Known exposures are further broken down by type (green pie chart). "Social" refers to exposures between friends and acquaintances; "Other" refers to known contact with a lab confirmed case outside of home, work, and social settings; "Unspecified" is known contact to a confirmed case but without enough information to determine the setting of that exposure. Exposure categories are not all encompassing and may change as public health collects more data and updates analysis.

Primary Exposures by Week



Primary Investigated Exposures

Exposure	Count	Percent
Healthcare	136	2%
In-state Without Known Contact	1103	16%
Known Contact	4325	62.6%
Travel	213	3.1%
Unknown / Under Investigation	1136	16.4%

Type of Known Contact

Known Contact Type	Count	Percent
Household	2576	59.6%
Other	29	0.7%
Social	1063	24.6%
Unspecified	458	10.6%
Workplace	199	4.6%

Type of Known Contact